



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, August 19, 2017

Issued: 0800 CT

Day 1 Hazards: Heavy rain/flash flooding possible in SW & S-Central NM into Far West TX.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Jennifer McNatt
817-978-1100 x 147**

Key Points



Today

- Areas of heavy rainfall/flash flooding possible over SW & S-Central NM & Far West TX

Sunday

- Areas of heavy rainfall/flash flooding possible over much of NM into Far West TX

Monday - Wednesday

- Heavy rainfall/flash flooding threat will continue each day over NM

Tropical Weather Outlook

- Tropical Storm Harvey is expected to track west into the Caribbean and then toward Central America by the middle of next week; no impacts to FEMA Region 6 expected
- A trough of low pressure is located about 300 miles E-NE of the northern Leeward Islands
 - Formation chance through 48 hours...low...20%
 - Formation chance through 5 days...medium...40%
- A tropical wave is located over the eastern Atlantic Ocean about midway between the Lesser Antilles and Africa
 - Formation chance through 48 hours...low...10%
 - Formation chance through 5 days...low...20%

*FEMA Region 6 Threat Matrix

Aug 19, 2017 - Aug 18, 2017

	SAT	SUN	MON	TUE	WED
Severe Weather					
Heavy Rain / Flash Flooding	SW & S-Central NM, Far W TX	NM, Far W TX	SE NM	NM	NM
Heat					
River Flooding	NE TX, SE LA				
Tropical Weather					

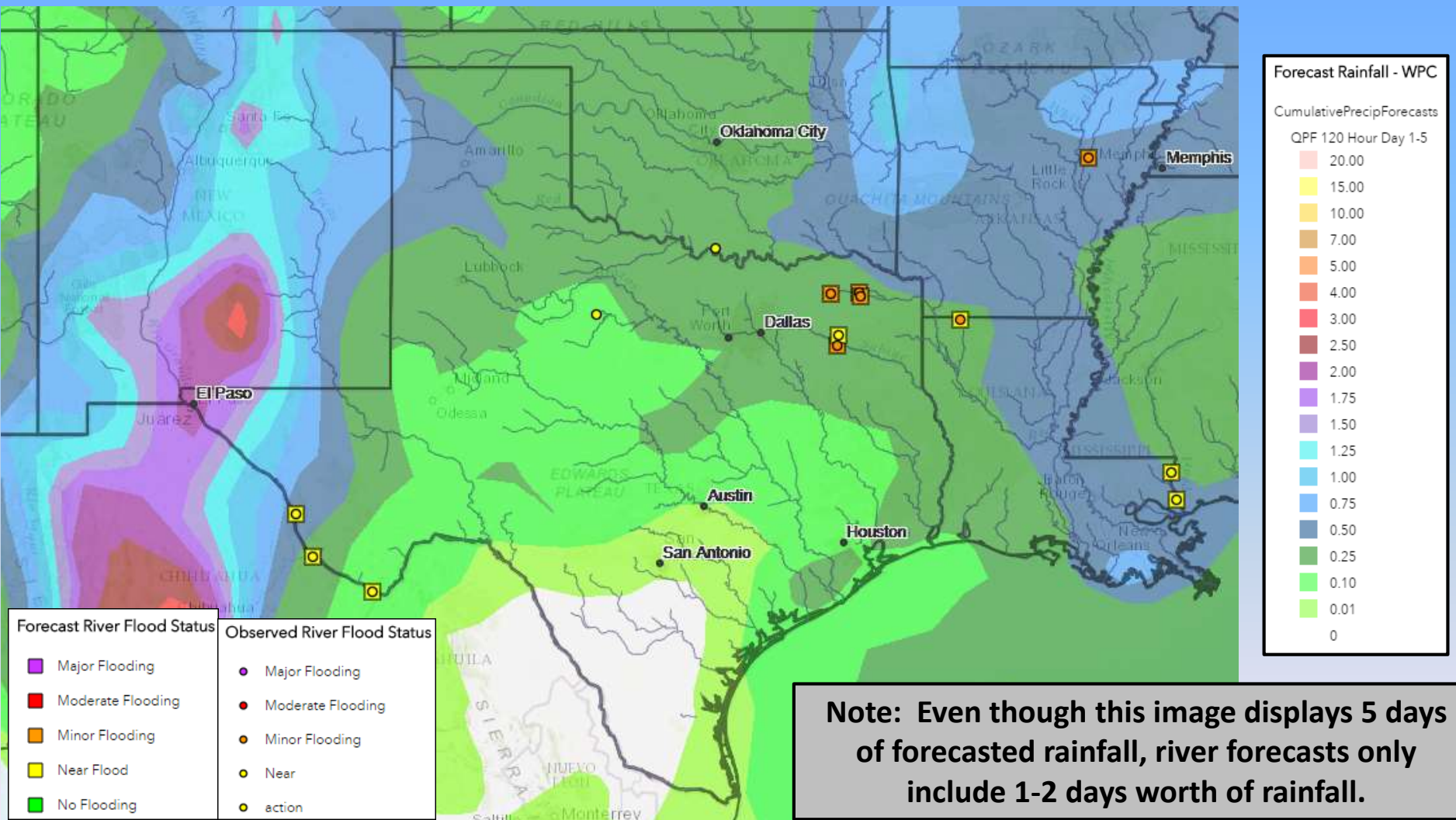
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



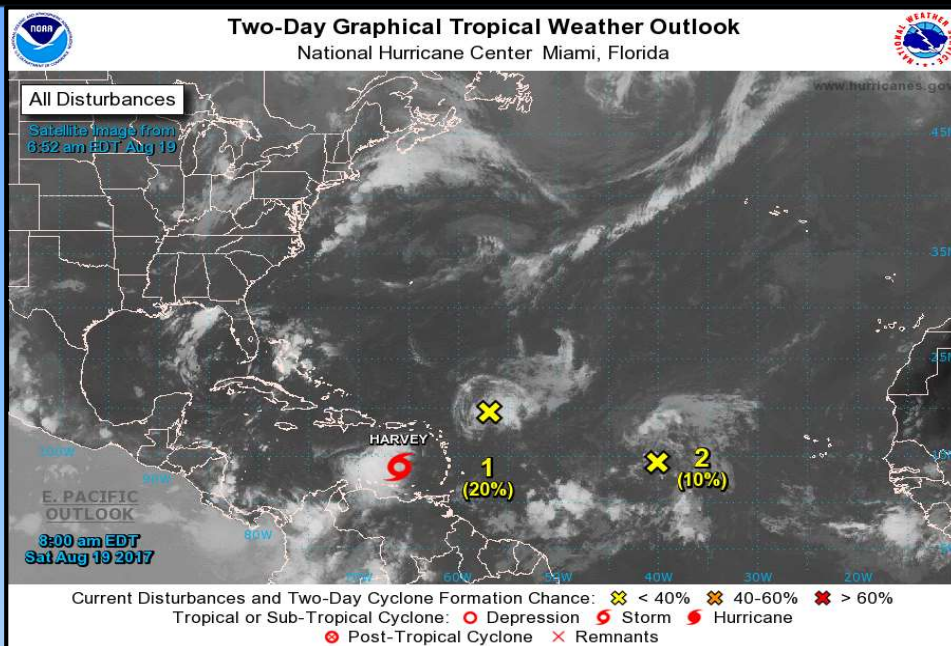
5-Day Precipitation Forecast & River Flood Status

A few forecast points are in minor flooding across NE TX & NW LA; No significant impacts



For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook



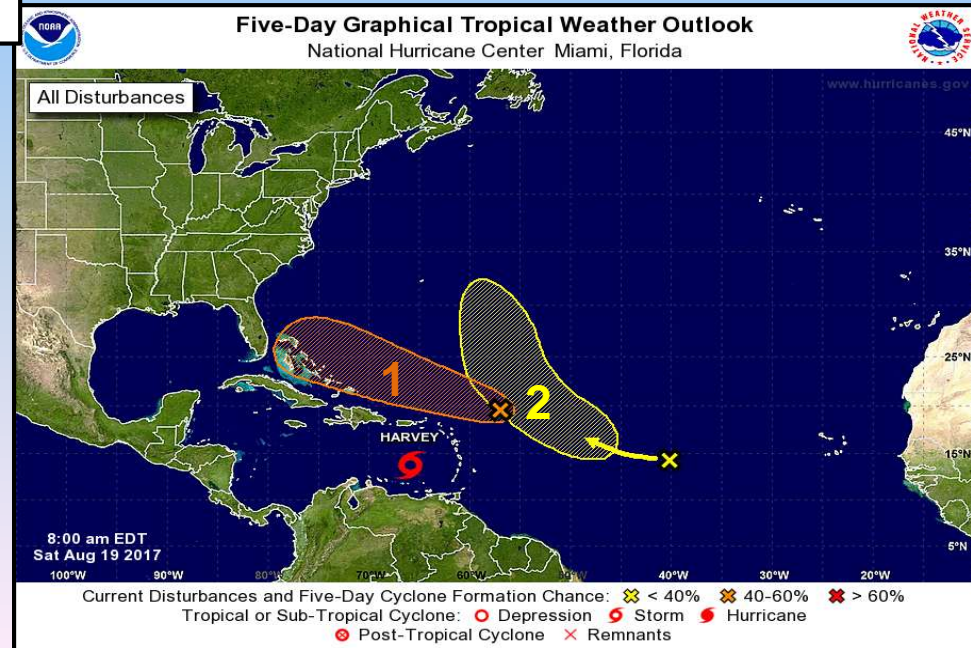
See next slide for information on Tropical Storm Harvey. No impacts to FEMA Region 6 are expected from this system.

1. A trough of low pressure continues to produce disorganized showers and thunderstorms. Environmental conditions are expected to be only marginally conducive for development in the next few days as this system moves W-NW at about 20mph.

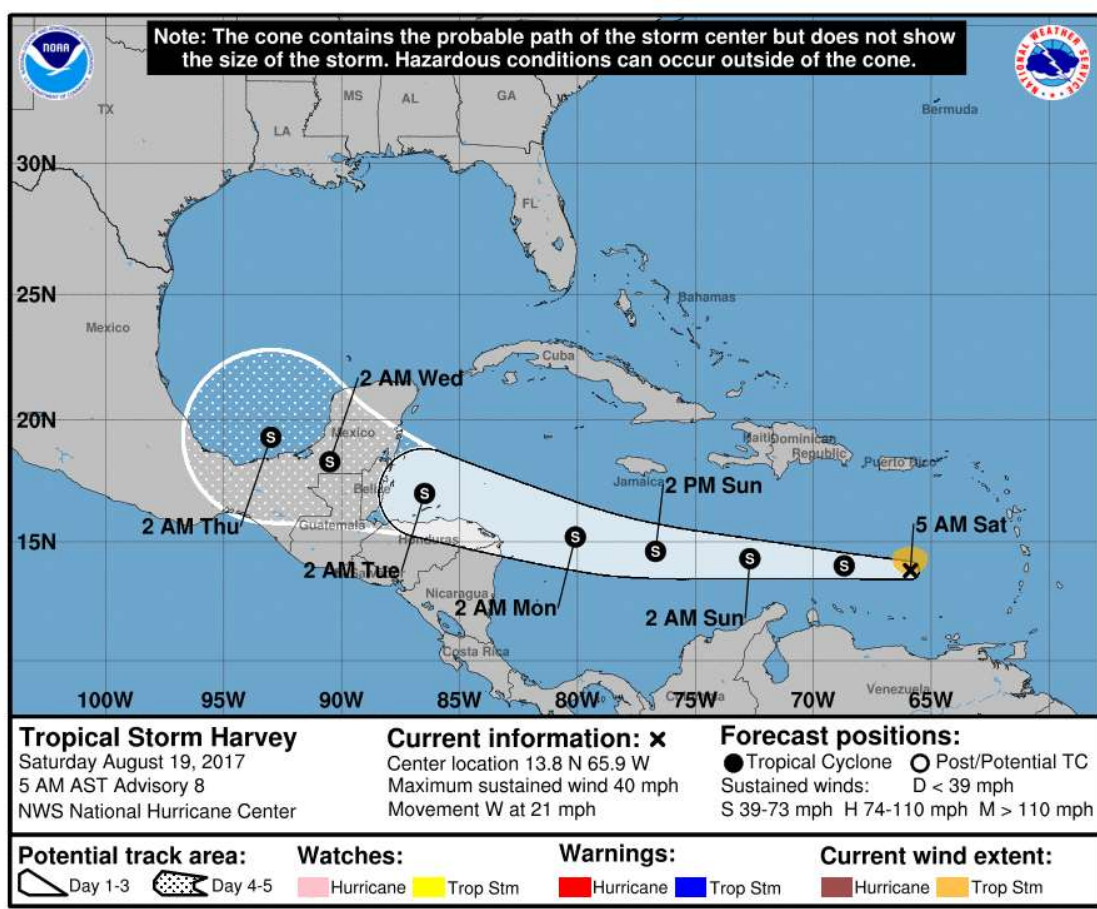
Formation chance through 48 hours...low...20%
Formation chance through 5 days...medium...40%

2. A tropical wave is producing some shower and thunderstorm activity. Environmental conditions appear somewhat conducive for gradual development over the next few days while the system moves W-NW to NW at about 20mph, but upper level winds are forecast to become unfavorable by early next week.

Formation chance through 48 hours...low...10%
Formation chance through 5 days...low...20%



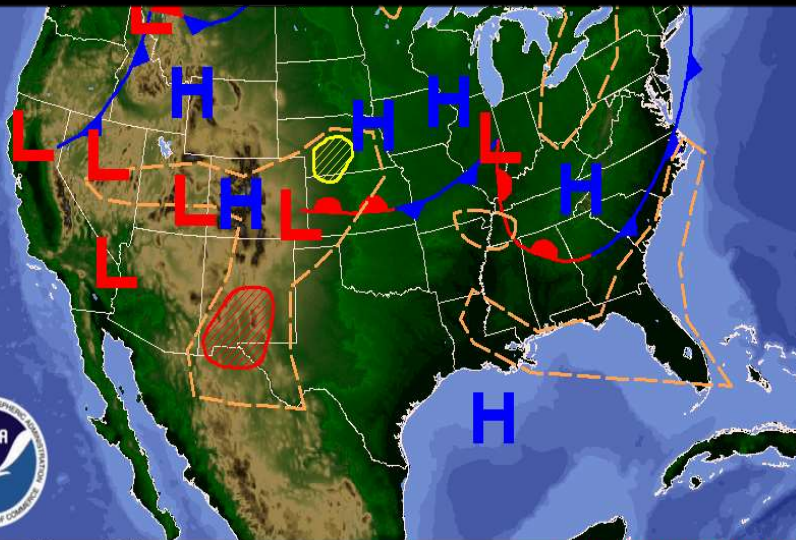
Tropical Storm Harvey



Model guidance is in fairly good agreement on the track of this storm.

No impacts to FEMA Region 6 are expected from this system.

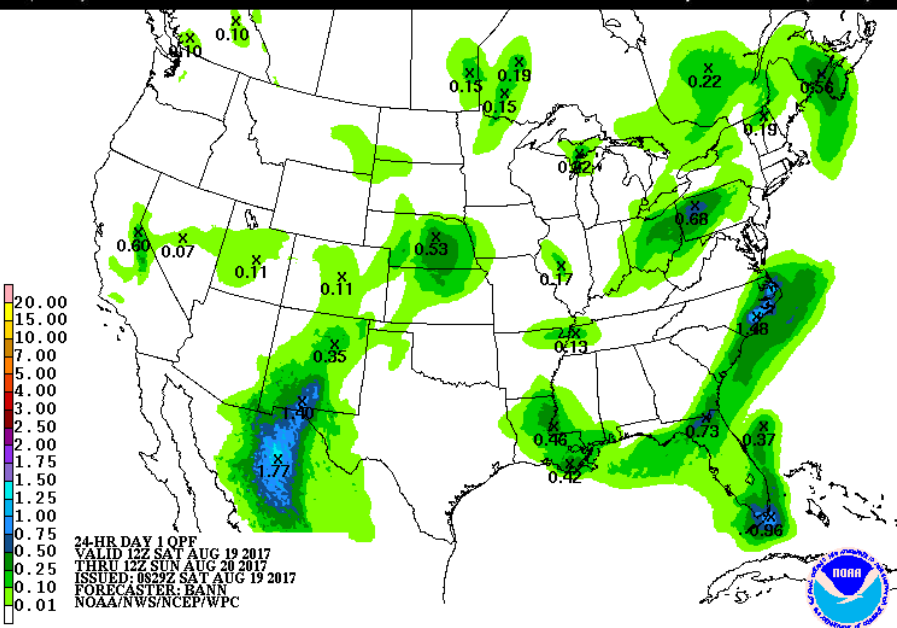
Today's Weather



Day 1 National Forecast Chart

Valid Sat, Aug 19, 2017, issued 5:02 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Snow and Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



24-HR DAY 1 QPF
VALID 12Z SAT AUG 19 2017
THRU 12Z SUN AUG 20 2017
ISSUED: 0639Z SAT AUG 19 2017
FORECASTER: BANN
NOAA/NWS/NCEP/WPC

Areas of heavy rainfall/flash flooding are possible over SW & S-Central NM as well as far W TX.



Severe Weather Outlook
Saturday, August 19, 2017

Last Updated: Aug 19 2017 0716 AM CDT
Valid Until: Aug 20 2017 0700 AM CDT



Tomorrow's Weather

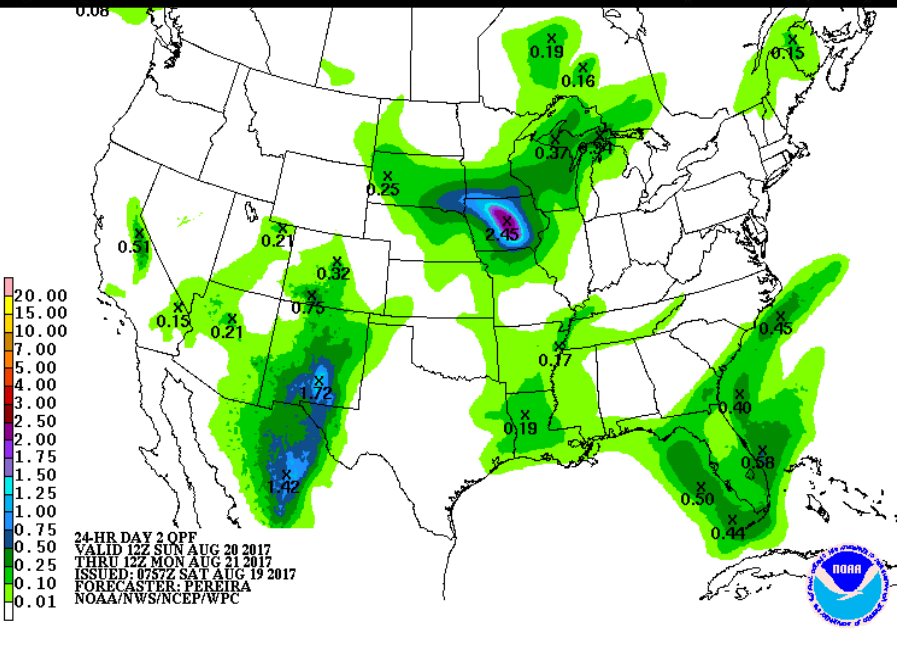
Areas of heavy rainfall/flash flooding are possible over much of NM & Far W TX.



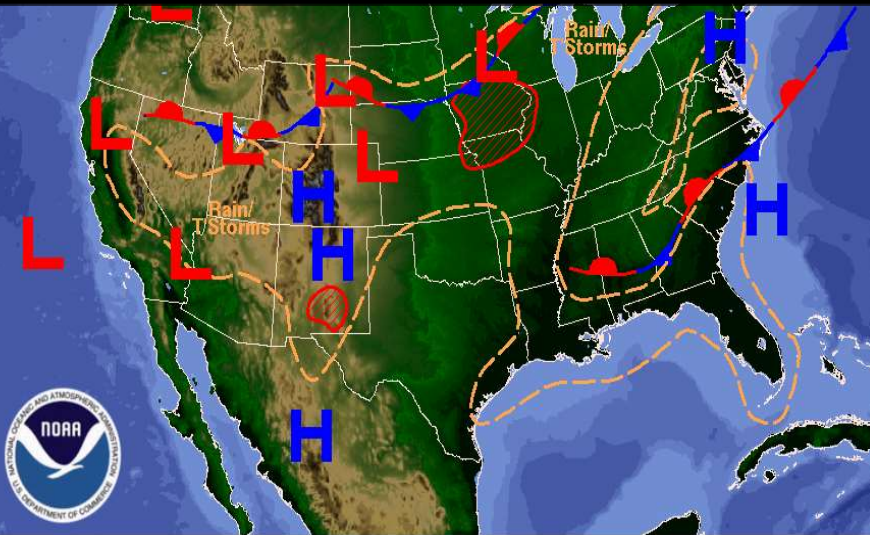
Day 2 National Forecast Chart

Valid Sun, Aug 20, 2017, issued 4:36 AM EDT Sat, Aug 19, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



Monday's Weather

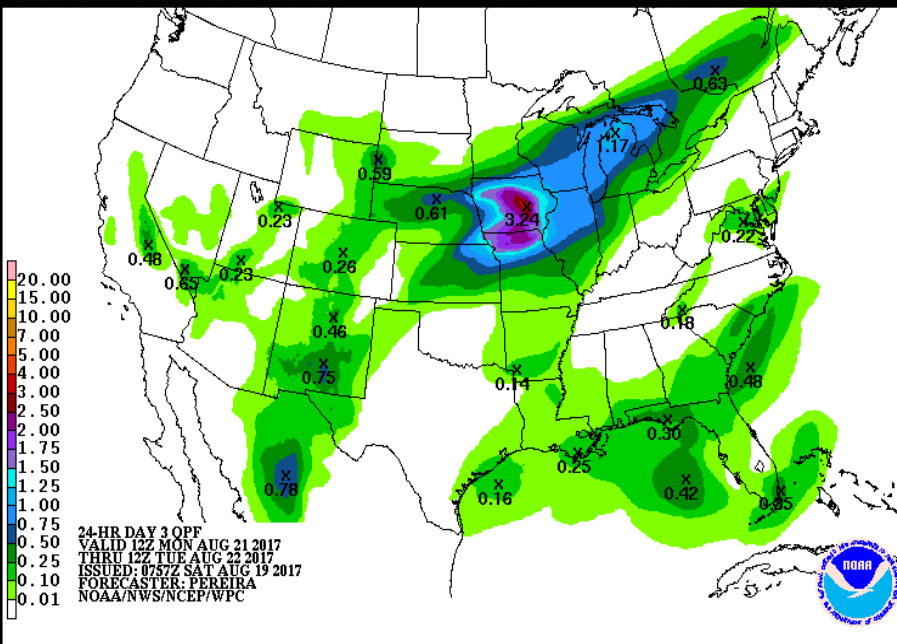


Day 3 National Forecast Chart

Valid Mon, Aug 21, 2017, issued 4:33 AM EDT Sat, Aug 19, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Krekeler with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)

Areas of heavy rainfall/flash flooding are possible over SE NM.



24-HR DAY 3 QPF
 VALID 12Z MON AUG 21 2017
 THRU 12Z TUE AUG 22 2017
 ISSUED: 0757Z SAT AUG 19 2017
 FORECASTER: PEREIRA
 NOAA/NWS/NCEP/WPC



**Severe Weather Outlook
 Monday, August 21, 2017**

Last Updated: Aug 19 2017 03:14 AM CDT
 Valid Until: Aug 22 2017 07:00 AM CDT

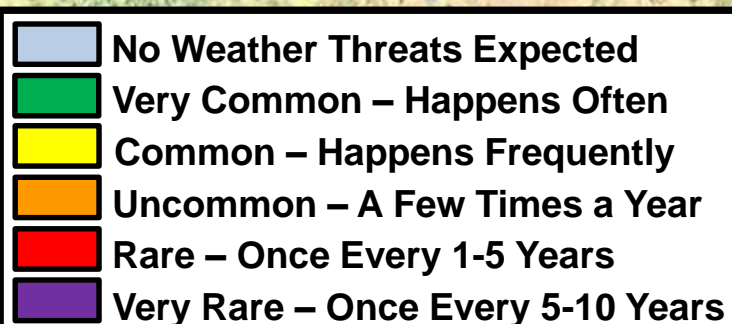
NOAA
 National Weather Service
 Storm Prediction Center
 http://www.spc.noaa.gov

Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



Flash
flood
threat
continues

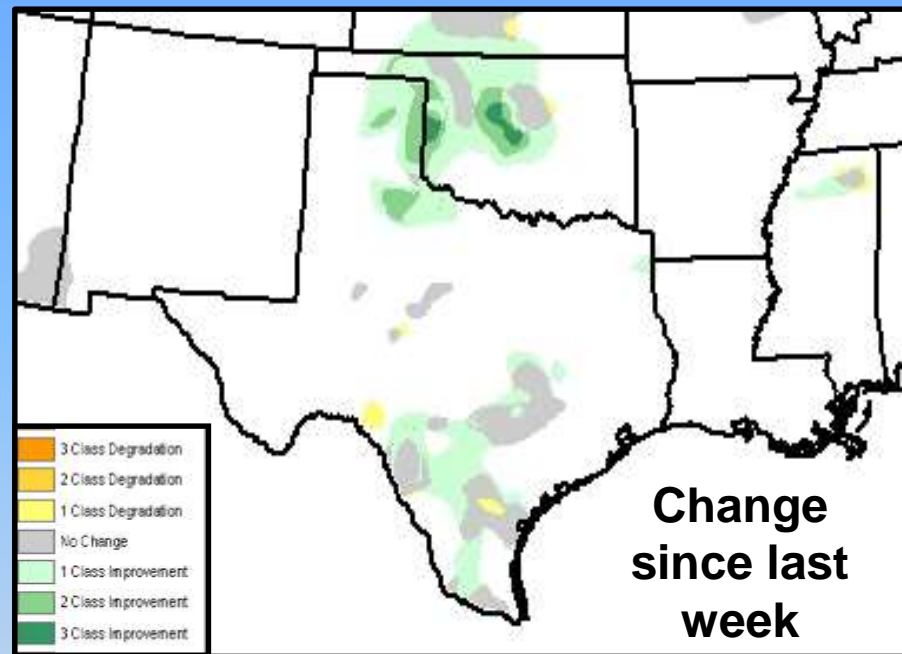
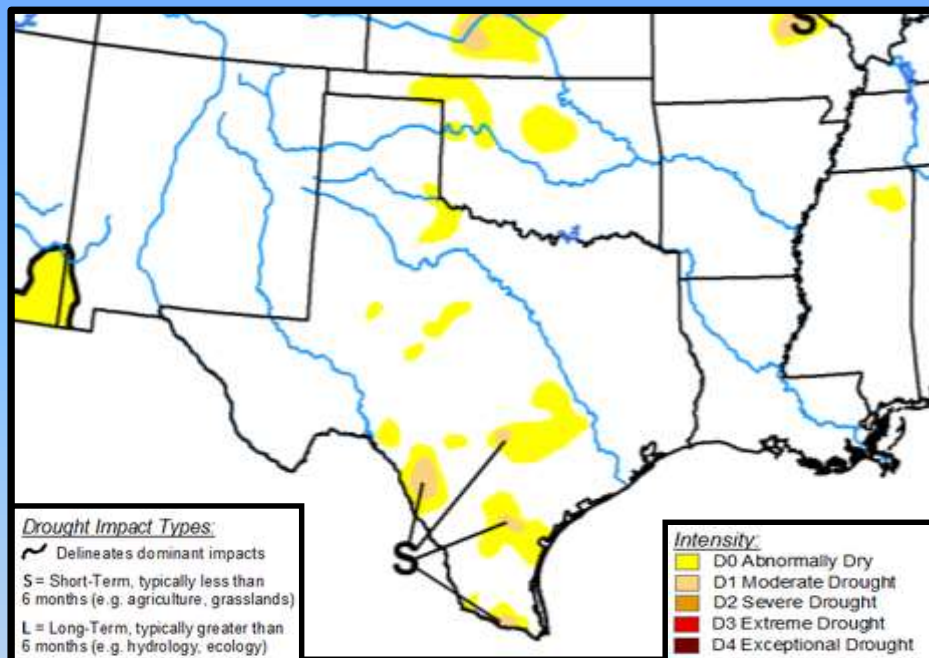


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released 17 August, 2017

Data valid as of 7am CDT, Tuesday, August 15, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

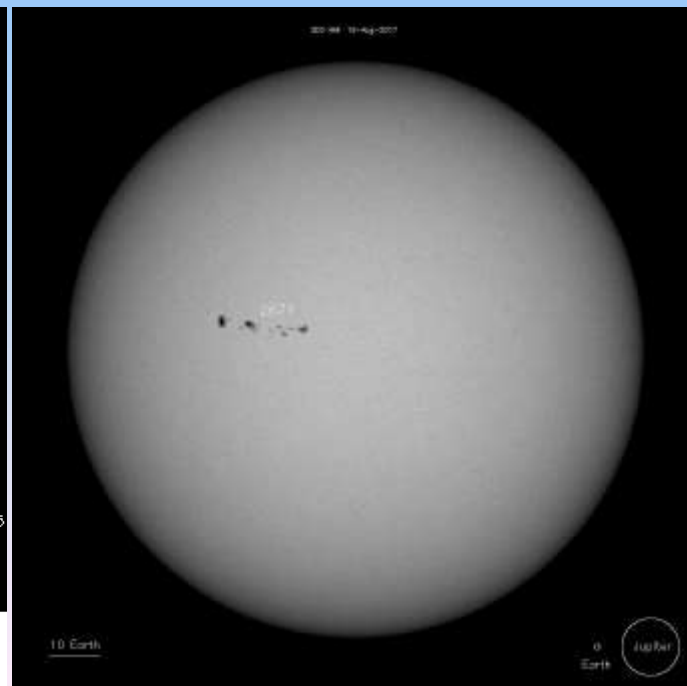
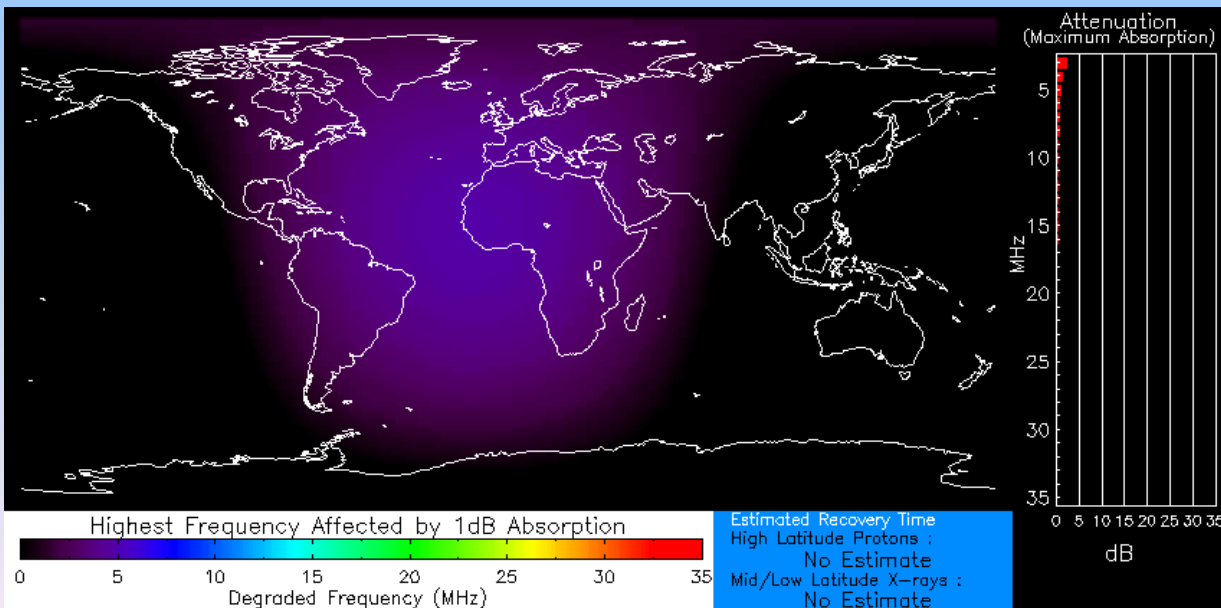
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Saturday	Sunday	Monday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2017-08-19 12:53 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

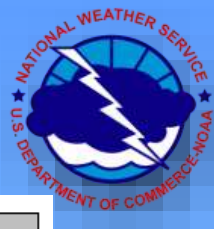
facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms